

MAGNETIC RECORDING MEDIUM AND  
MAGNETIC RECORDING DISK DEVICE

5

ABSTRACT OF THE DISCLOSURE

10 A magnetic recording medium and a magnetic disk  
device using the same. The magnetic recording medium  
comprising a nonmagnetic substrate having applied  
thereon, through two or more chromium-based underlayers,  
a magnetic recording layer having a circumferential  
15 direction of easy magnetization and containing cobalt as  
a principal component thereof, and also containing  
chromium and platinum in combination with tantalum or  
tantalum and niobium. Using the magnetic recording  
medium, a reproducing output and S/N ratio can be  
increased without causing an increase in noise.